Name Of work : -Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Detailed Measurements

Bruhat Bengaluru Mahanagara Palike

Yelahanka Division

Name Of work : -Improvement to Roads and Drains and Other Developmental Works At 407,707,208 Sfs, Major Akshay Girish Kumar Road Yelahanka 4th And 5th Phase And Surrounding Areas In Ward No.01,03 And 04 Of Yelahanka Division Under Amruthnagarothana Grants (Package-04)

Job Code :- 004-23-000002

Name of Agency :- M/s Sri S. R Mohan Kumar

Bill No :- 1st and Part Bill

Measurements recorded on

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
2	Removing and resetting of footpath slab (Approved Rate)										
Measurements recorded on											
	407 SFS 6th Cross Road										
	LHS										
	384.30	395.30		1	11.00			0.90		9.90	
	472.60	476.80		1	4.20			0.90		3.78	
	3rd Main road (Park Road)										
	LHS										
	13.00	16.00		1	3.00			0.90		2.70	
	19.50	32.70		1	13.20			0.90		11.88	
	70.80	73.20		1	2.40			0.90		2.16	
	87.90	99.40		1	11.50			0.90		10.35	
	104.10	107.70		1	3.60			0.90		3.24	
	115.50	116.90		1	1.40			0.90		1.26	
	136.50	137.70		1	1.20			0.90		1.08	
	407 SFS 4th Cross Road										
	RHS										
	6.20	9.80		1	3.60			0.90		3.24	
	22.20	26.10		1	3.90			0.90		3.51	
	85.50	88.70		1	3.20			0.90		2.88	
	11th B Cross Road										
	LHS										
	24.00	30.00		1	6.00			0.90		5.40	
	61.10	64.10		1	3.00			0.90		2.70	
	RHS										
	18.50	35.20		1	16.70			0.90		15.03	
	37.10	38.70		1	1.60			0.90		1.44	
	59.80	66.20		1	6.40			0.90		5.76	
	71.70	84.70		1	13.00			0.90		11.70	
	1st B Main Road										
	LHS										
	14.00	28.50		1	14.50			0.90		13.05	
	28.50	32.10		1	1.20			0.90		1.08	
	68.80	83.30		1	14.50			0.90		13.05	
	138.70	141.80		1	3.10			0.90		2.79	

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Contractor | Consultant | Assistant Engineer | Assistant Executive Engineer

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	141.80	149.10		1	7.30			0.90		6.57	
	149.10	152.10		1	3.00			0.90		2.70	
	155.90	160.20		1	4.30			0.90		3.87	
	160.20	169.80		1	9.60			0.90		8.64	
	169.80	181.30		1	11.50			0.90		10.35	
	193.50	202.00		1	1.20			0.90		1.08	
	RHS										
	100.30	108.80		1	8.50			0.90		7.65	
	127.60	145.60		1	18.00			0.90		16.20	
	145.60	152.40		1	6.80			0.90		6.12	
	152.40	158.70		1	6.30			0.90		5.67	
	158.70	161.70		1	3.00			0.90		2.70	
	164.90	177.40		1	12.50			0.90		11.25	
	179.50	182.00		1	2.50			0.90		2.25	
	195.10	202.10		1	7.00			0.90		6.30	
	9th B cross Road B Sector										
	LHS										
	18.80	22.30		1	3.50			0.90		3.15	
	27.30	32.90		1	5.60			0.90		5.04	
	Santhosh Nagar										
	4th Main Road										
	LHS										
	0.00	13.00		1	8.20			0.90		7.38	
	13.00	26.40		1	9.80			0.90		8.82	
	32.60	61.70		1	20.10			0.90		18.09	
	68.80	85.80		1	14.00			0.90		12.60	
	85.80	89.00		1	3.20			0.90		2.88	
	89.00	94.60		1	5.60			0.90		5.04	
	94.60	105.00		1	5.00			0.90		4.50	
	RHS										
	0.00	13.00		1	13.00			0.90		11.70	
	32.60	61.70		1	17.10			0.90		15.39	
	68.80	85.80		1	11.00			0.90		9.90	
	85.80	89.00		1	3.20			0.90		2.88	
	89.00	94.60		1	5.60			0.90		5.04	
	94.60	105.00		1	6.20			0.90		5.58	
	4th Main Road 3rd Cross										
	LHS										
	0.00	9.00		1	9.00			0.90		8.10	
	15.20	30.00		1	10.00			0.90		9.00	
	30.00	57.00		1	21.00			0.90		18.90	
	57.00	64.50		1	5.70			0.90		5.13	
	64.50	94.50		1	12.00			0.90		10.80	
	94.50	108.70		1	13.00			0.90		11.70	
	RHS										
	0.00	9.00		1	9.00			0.90		8.10	
	9.00	15.20		1	6.20			0.90		5.58	

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	15.20	30.00		1	10.00			0.90		9.00	
	30.00	57.00		1	22.20			0.90		19.98	
	64.50	94.50		1	22.80			0.90		20.52	
	94.50	108.70		1	10.60			0.90		9.54	
	4th Main Road 2nd Cross										
	LHS										
	0.00	12.00		1	12.00			0.90		10.80	
	12.00	32.00		1	14.00			0.90		12.60	
	32.00	56.70		1	19.90			0.90		17.91	
	66.00	95.70		1	23.60			0.90		21.24	
	RHS										
	0.00	12.00		1	12.00			0.90		10.80	
	12.00	32.00		1	15.80			0.90		14.22	
	32.00	56.70		1	20.50			0.90		18.45	
	66.00	95.70		1	23.00			0.90		20.70	
	4th Main Road 1st Cross										
	LHS										
	0.00	8.00		1	6.80			0.90		6.12	
	8.00	11.00		1	3.00			0.90		2.70	
	11.00	29.00		1	12.00			0.90		10.80	
	RHS										
	0.00	8.00		1	7.40			0.90		6.66	
	8.00	11.00		1	3.00			0.90		2.70	
								Total Qty		**629.37**	**Cum**
4	Removing and resetting of kerb stones(Approved Rate)										
Measurements recorded on											
	Santhosh Nagar										
	4th Main Road										
	LHS										
	0.00	13.00		1	7.00					7.00	
	13.00	26.40		1	12.40					12.40	
	32.60	61.70		1	21.00					21.00	
	89.00	94.60		1	4.30					4.30	
	94.60	105.00		1	8.00					8.00	
	RHS										
	0.00	13.00		1	8.00					8.00	
	32.60	61.70		1	18.00					18.00	
	68.80	85.80		1	12.00					12.00	
	94.60	105.00		1	7.00					7.00	
	4th Main Road 3rd Cross										
	LHS										
	15.20	30.00		1	6.00					6.00	
	30.00	57.00		1	21.00					21.00	
	57.00	64.50		1	7.50					7.50	
	64.50	94.50		1	24.00					24.00	
	94.50	108.70		1	10.00					10.00	

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎ.ಪಿ. ಬೆಂಗಳೂರು-106

BOQ Item	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	Chainage										
	RHS										
	15.20	30.00		1	8.50					8.50	
	30.00	57.00		1	17.50					17.50	
	64.50	94.50		1	21.40					21.40	
	94.50	108.70		1	12.40					12.40	
	4th Main Road 2nd Cross										
	LHS										
	12.00	32.00		1	18.00					18.00	
	32.00	56.70		1	21.00					21.00	
	66.00	95.70		1	25.00					25.00	
	RHS										
	12.00	32.00		1	19.00					19.00	
	32.00	56.70		1	23.00					23.00	
	66.00	95.70		1	21.50					21.50	
								Total Qty		**353.50**	**Cum**
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work (V-I,No-1.4.1,Page No-5 of PWD SR 2021-22)										
Measurements recorded on											
	Qty vide Pre measurement sheet page no .										
								Total		**2153.84**	**Cum**
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.3, P.No-15 of PWD SR 2021-22).										
Measurements recorded on											
	Qty vide Pre measurement sheet page no .										
								Total		**281.21**	**Cum**
7	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as										
Measurements recorded on											
	Qty vide Pre measurement sheet page no .										
								Total		**632.76**	**cum**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯುಲಪಂಥ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜ.ಜ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-106

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. (V-III,P.No.99, I.No.13.1.2of PW, P&IWTD S.R 2021-22) Issue Rate dated on 07-04-2022									
	Measurements recorded on									
	Qty vide Pre measurement sheet page no .									
							Total		**37.94**	**Tonne**
9	Providing and fixing precast reinforced cement concrete covering slabs of 10cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work (Data Rate)									
	Measurements recorded on									
	407 SFS 6th Cross Road									
	LHS									
	367.50	384.30		1	16.80			0.90	15.12	
	395.30	400.60		0	5.30			0.90	0.00	Culvert gap
	400.60	413.00		1	12.40			0.90	11.16	
	413.00	417.60		0	4.60			0.90	0.00	Culvert gap
	417.60	431.40		1	13.80			0.90	12.42	
	431.40	436.30		0	4.90			0.90	0.00	Culvert gap
	436.30	458.10		1	21.80			0.90	19.62	
	458.10	462.10		0	4.00			0.90	0.00	Culvert gap
	462.10	472.60		1	10.50			0.90	8.85	
	476.80	490.90		1	14.10			0.90	12.69	
	490.90	500.70		0	9.80			0.90	0.00	new culvert
	500.70	530.70		1	30.00			0.90	27.00	
	530.70	545.10		1	14.40			0.90	12.96	
	3rd Main road (Park Road)									
	LHS									
	0.00	30.00		1	30.00			0.90	27.00	
	30.00	32.70		1	2.70			0.90	2.43	
	39.70	69.70		1	30.00			0.90	27.00	
	69.70	70.80		1	1.10			0.90	0.99	
	70.80	73.20		1	2.40			0.90	2.16	
	73.20	103.20		1	30.00			0.90	27.00	
	103.20	104.10		1	0.90			0.90	0.81	
	104.10	107.70		1	3.60			0.90	3.24	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ.
ಪ ಜಾ.ಪಂ.ಕ. ಬೆಂಗಳೂರು-106

BOQ Item	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	Chainage										
	107.70	137.70		1	30.00			0.90		27.00	
	137.70	148.60		1	10.90			0.90		9.81	
	3rd Main road (Park Road)										
	LHS										
	0.00	13.00		1	13.00			0.90		11.70	
	16.00	19.50		1	3.50			0.90		3.15	
	39.70	69.70		1	30.00			0.90		27.00	
	69.70	70.80		1	1.10			0.90		0.99	
	73.20	87.90		1	14.70			0.90		13.23	
	99.40	103.20		1	3.80			0.90		3.42	
	103.20	104.10		1	0.90			0.90		0.81	
	107.70	115.50		1	7.80			0.90		7.02	
	116.90	136.50		1	19.60			0.90		17.64	
	137.70	148.60		1	10.90			0.90		9.81	
	407 SFS 4th Cross Road										
	RHS										
	6.20	9.80		1	3.60			0.90		3.24	
	22.20	26.10		1	3.90			0.90		3.51	
	85.50	88.70		1	3.20			0.90		2.88	
	1st A main Road										
	LHS										
	0.00	30.00		1	30.00			0.90		27.00	
	30.00	45.00		1	15.00			0.90		13.50	
	1st A main in 1st cross										
	RHS										
	0.00	28.00		1	28.00			0.90		25.20	
	28.00	33.50		1	5.50			0.90		4.95	
	33.50	37.00		1	3.50			0.90		3.15	
	LHS										
	0.00	28.40		1	28.40			0.90		25.56	
	11th B Cross Road										
	LHS										
	0.00	24.00		1	24.00			0.90		21.60	
	30.00	41.50		1	11.50			0.90		10.35	
	50.80	61.10		1	10.30			0.90		9.27	
	64.10	79.10		1	15.00			0.90		13.50	
	86.90	130.50		1	43.60			0.90		39.24	
	RHS										
	0.00	18.50		1	18.50			0.90		16.65	
	35.20	37.10		1	1.90			0.90		1.71	
	38.70	59.80		1	21.10			0.90		18.99	
	66.20	71.70		1	5.50			0.90		4.95	
	1st B Main Road										
	LHS										
	0.00	10.70		1	10.70			0.90		9.63	
	10.70	14.00		1	3.30			0.90		2.97	
	28.50	32.10		1	2.40			0.90		2.16	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರರ
ಮಲ್ಲೇಶ್ವರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-03

BOQ Item	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	Chainage										
	32.10	42.70		1	10.60			0.90		9.54	
	42.70	52.00		1	9.30			0.90		8.37	
	52.00	55.30		1	3.30			0.90		2.97	
	55.30	68.80		1	13.50			0.90		12.15	
	83.30	86.80		1	3.50			0.90		3.15	
	86.80	116.50		1	29.70			0.90		26.73	
	116.50	122.10		1	5.60			0.90		5.04	
	122.10	124.70		1	2.60			0.90		2.34	
	124.70	138.70		1	14.00			0.90		12.60	
	141.80	149.10		1	7.30			0.90		6.57	
	152.10	155.90		1	3.80			0.90		3.42	
	181.30	193.50		1	12.20			0.90		10.98	
	193.50	202.00		1	7.30			0.90		6.57	
	RHS										
	40.70	68.80		1	28.10			0.90		25.29	
	68.80	91.20		1	22.40			0.90		20.16	
	108.80	115.30		1	6.50			0.90		5.85	
	115.30	127.60		1	12.30			0.90		11.07	
	161.70	164.90		1	3.20			0.90		2.88	
	177.40	179.50		1	2.10			0.90		1.89	
	182.00	189.00		1	7.00			0.90		6.30	
	189.00	192.40		1	3.40			0.90		3.06	
	192.40	193.50		1	1.10			0.90		0.99	
	193.50	195.10		1	1.60			0.90		1.44	
	9th B cross Road B										
	LHS										
	0.00	18.80		1	18.80			0.90		16.92	
	22.30	27.30		1	5.00			0.90		4.50	
	13th A Main Road(Major Akshay Girishkumar										
	LHS										
	0.00	30.00		1.00	30.00			0.90		27.00	
	30.00	35.40		1.00	5.40			0.90		4.86	
	65.00	95.00		1.00	30.00			0.90		27.00	
	95.00	125.00		1.00	30.00			0.90		27.00	
	125.00	152.00		1.00	27.00			0.90		24.30	
	171.00	197.00		1.00	26.00			0.90		23.40	
	206.00	236.00		1.00	30.00			0.90		27.00	
	236.00	244.00		1.00	8.00			0.90		7.20	
	255.70	285.70		1.00	30.00			0.90		27.00	
	285.70	289.10		1.00	3.40			0.90		3.06	
	301.80	331.80		1.00	30.00			0.90		27.00	
	354.00	374.00		0.00	20.00			0.90		0.00	
	374.00	395.00		1.00	21.00			0.90		18.90	
	413.60	436.00		1.00	22.40			0.90		20.16	
	436.00	442.80		1.00	6.80			0.90		6.12	
	442.80	471.40		1.00	28.60			0.90		25.74	
	490.30	520.30		1.00	30.00			0.90		27.00	
	520.30	547.60		1.00	27.30			0.90		24.57	

BOQ Item	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	Chainage										
	557.70	587.70		1.00	30.00			0.90		27.00	
	587.70	600.00		1.00	12.30			0.90		11.07	
	600.00	630.00		1.00	30.00			0.90		27.00	
	630.00	653.00		1.00	23.00			0.90		20.70	
	660.20	661.90		1.00	1.70			0.90		1.53	
	661.90	679.50		1.00	17.60			0.90		15.84	
	679.50	709.50		1.00	30.00			0.90		27.00	
	709.50	729.00		1.00	19.50			0.90		17.55	
	729.00	745.60		1.00	16.60			0.90		14.94	
	749.80	756.40		1.00	6.60			0.90		5.94	
	Santhosh Nagar										
	4th Main Road										
	LHS										
	0.00	13.00		1	4.80			0.90		4.32	
	13.00	26.40		1	3.60			0.90		3.24	
	32.60	61.70		1	9.00			0.90		8.10	
	68.80	85.80		1	3.00			0.90		2.70	
	85.80	89.00		1	0.00			0.90		0.00	
	89.00	94.60		1	0.00			0.90		0.00	
	94.60	105.00		1	5.40			0.90		4.86	
	RHS										
	32.60	61.70		1	12.00			0.90		10.80	
	68.80	85.80		1	6.00			0.90		5.40	
	94.60	105.00		1	4.20			0.90		3.78	
	4th Main Road 3rd Cross										
	LHS										
	15.20	30.00		1	4.80			0.90		4.32	
	30.00	57.00		1	6.00			0.90		5.40	
	57.00	64.50		1	1.80			0.90		1.62	
	64.50	94.50		1	18.00			0.90		16.20	
	94.50	108.70		1	1.20			0.90		1.08	
	RHS										
	15.20	30.00		1	4.80			0.90		4.32	
	30.00	57.00		1	4.80			0.90		4.32	
	64.50	94.50		1	7.20			0.90		6.48	
	94.50	108.70		1	3.60			0.90		3.24	
	4th Main Road 2nd Cross										
	LHS										
	12.00	32.00		1	6.00			0.90		5.40	
	32.00	56.70		1	4.80			0.90		4.32	
	56.70	86.30		1	6.00			0.90		5.40	
	RHS										
	12.00	32.00		1	4.20			0.90		3.78	
	32.00	56.70		1	4.20			0.90		3.78	
	56.70	86.30		1	6.60			0.90		5.94	
	4th Main Road 1st Cross										
	LHS										

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	0.00	8.00		1	1.20			0.90		1.08	
	11.00	29.00		1	6.00			0.90		5.40	
	RHS										
	0.00	8.00		1	0.60			0.90		0.54	
								Total qty		**1455.12**	**Sqm**
10	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately). M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregate										
Measurements recorded on											
	New Culvert										
	407 SFS 6th Cross Road										
	LHS										
	490.90	500.70		1	9.80			1.20		11.76	
	3rd Main road (Park Road)										
	LHS										
	at CH: 145.5 at culvert			1	9.90			1.20		11.88	
	Culvert										
	LHS										
	244.00	255.00		1.00	11.00			1.20		13.20	
	289.10	301.80		1.00	12.70			1.20		12.70	
								Total qty		**49.54**	**Sqm**
11	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by										
Measurements recorded on											
	11th B Cross Road										
	LHS										
	0.00	24.00		1	24.00					24.00	
	24.00	30.00		1	6.00					6.00	
	30.00	41.50		1	11.50					11.50	
	50.80	61.10		1	10.30					10.30	
	61.10	64.10		1	3.00					3.00	
	64.10	79.10		1	15.00					15.00	
	86.90	130.50		1	43.60					43.60	
	RHS										
	0.00	18.50		1	18.50					18.50	
	18.50	35.20		1	16.70					16.70	
	35.20	37.10		1	1.90					1.90	

BOQ Item	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	37.10	38.70		1	1.60					1.60	
	38.70	59.80		1	21.10					21.10	
	59.80	66.20		1	6.40					6.40	
	66.20	71.70		1	5.50					5.50	
	71.70	84.70		1	13.00					13.00	
	1st B Main Road										
	LHS										
	0.00	10.70		1	10.70					10.70	
	10.70	14.00		1	3.30					3.30	
	14.00	28.50		1	14.50					14.50	
	28.50	32.10		1	3.60					3.60	
	32.10	42.70		1	10.60					10.60	
	42.70	52.00		1	9.30					9.30	
	52.00	55.30		1	3.30					3.30	
	55.30	68.80		1	13.50					13.50	
	68.80	83.30		1	14.50					14.50	
	83.30	86.80		1	3.50					3.50	
	86.80	116.50		1	29.70					29.70	
	116.50	122.10		1	5.60					5.60	
	122.10	124.70		1	2.60					2.60	
	124.70	138.70		1	14.00					14.00	
	141.80	149.10		1	7.30					7.30	
	149.10	152.10		1	3.00					3.00	
	152.10	155.90		1	3.80					3.80	
	155.90	160.20		1	4.30					4.30	
	160.20	169.80		1	9.60					9.60	
	169.80	181.30		1	11.50					11.50	
	181.30	193.50		1	12.20					12.20	
	193.50	202.00		1	8.50					8.50	
	RHS										
	40.70	68.80		1	28.10					28.10	
	68.80	91.20		1	22.40					22.40	
	115.30	127.60		1	12.30					12.30	
	127.60	145.60		1	18.00					18.00	
	145.60	152.40		1	6.80					6.80	
	152.40	158.70		1	6.30					6.30	
	158.70	161.70		1	3.00					3.00	
	161.70	164.90		1	3.20					3.20	
	164.90	177.40		1	12.50					12.50	
	177.40	179.50		1	2.10					2.10	
	179.50	182.00		1	2.50					2.50	
	182.00	189.00		1	7.00					7.00	
	189.00	192.40		1	3.40					3.40	
	192.40	193.50		1	1.10					1.10	
	193.50	195.10		1	1.60					1.60	
	195.10	202.10		1	7.00					7.00	
	9th B cross Road B Sector										

06/03/2023

BOQ Item	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	LHS										
	0.00	18.80		1	18.80					18.80	
	18.80	22.30		1	3.50					3.50	
	22.30	27.30		1	5.00					5.00	
	27.30	32.90		1	5.60					5.60	
	Santhosh Nagar										
	4th Main Road										
	LHS										
	0.00	13.00		1	6.00					6.00	
	13.00	26.40		1	1.00					1.00	
	32.60	61.70		1	8.10					8.10	
	89.00	94.60		1	1.30					1.30	
	94.60	105.00		1	2.40					2.40	
	RHS										
	0.00	13.00		1	5.00					5.00	
	32.60	61.70		1	11.10					11.10	
	68.80	85.80		1	5.00					5.00	
	94.60	105.00		1	3.40					3.40	
	4th Main Road 3rd Cross										
	LHS										
	15.20	30.00		1	**8.80**					**8.80**	
	30.00	57.00		1	6.00					6.00	
	64.50	94.50		1	6.00					6.00	
	94.50	108.70		1	4.20					4.20	
	RHS										
	15.20	30.00		1	6.30					6.30	
	30.00	57.00		1	9.50					9.50	
	64.50	94.50		1	8.60					8.60	
	94.50	108.70		1	1.80					1.80	
	4th Main Road 2nd Cross										
	LHS										
	12.00	32.00		1	2.00					2.00	
	32.00	56.70		1	3.70					3.70	
	66.00	95.70		1	4.60					4.60	
	RHS										
	12.00	32.00		1	1.00					1.00	
	32.00	56.70		1	1.70					1.70	
	66.00	86.30		1	8.10					8.10	
									Total	682.80	
									/0.45	1517.33	
									Total qty	**1517.00**	**Nos**

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Contractor | Consultant | Assistant Engineer | Assistant Executive Engineer

BOQ Item	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom. (V-III No-5.3,P No-29 of PWD BCSR 2021-22)									
Measurements recorded on										
	Qty vide Pre measurement sheet page no .									
							Total qty		**5325.95**	**cum**
19	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (V-III No-5.12 C ,P No-33 of PWD BCSR 2021-22)									
Measurements recorded on										
	Qty vide Pre measurement sheet page no .									
							Total qty		**49.92**	**cum**
20	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in									
	CQAL Layout									
	0.00	15.00		1	15.00	8.80	8.30	8.55	0.04	5.13
	15.00	30.00		1	15.00	8.30	8.20	8.25	0.04	4.95
	30.00	45.00		1	15.00	8.20	8.10	8.15	0.04	4.89
	45.00	60.00		1	15.00	8.10	8.25	8.18	0.04	4.91
	60.00	75.00		1	15.00	8.25	8.15	8.20	0.04	4.92
	75.00	90.00		1	15.00	8.15	7.45	7.80	0.04	4.68
	90.00	105.00		1	15.00	7.45	8.20	7.83	0.04	4.70
	105.00	120.00		1	15.00	8.20	8.10	8.15	0.04	4.89
	120.00	135.00		1	15.00	8.10	8.30	8.20	0.04	4.92
	135.00	150.00		1	15.00	8.30	8.35	8.33	0.04	5.00
	150.00	165.00		1	15.00	8.35	8.30	8.33	0.04	5.00
	165.00	180.00		1	15.00	8.30	8.20	8.25	0.04	4.95
	180.00	195.00		1	15.00	8.20	8.30	8.25	0.04	4.95
	195.00	210.00		1	15.00	8.30	8.10	8.20	0.04	4.92
	210.00	225.00		1	15.00	8.10	8.05	8.08	0.04	4.85
	225.00	240.00		1	15.00	8.05	7.80	7.93	0.04	4.76
	240.00	255.00		1	15.00	7.80	8.25	8.03	0.04	4.82
	255.00	270.00		1	15.00	8.25	8.15	8.20	0.04	4.92
	270.00	285.00		1	15.00	8.15	8.15	8.15	0.04	4.89
	285.00	300.00		1	15.00	8.15	8.40	8.28	0.04	4.97
	300.00	315.00		1	15.00	8.40	8.20	8.30	0.04	4.98
	315.00	330.00		1	15.00	8.20	7.90	8.05	0.04	4.83

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜಿ.ಬಿ.ಎ.ಡಿ. ಬೆಂಗಳೂರು-106

BOQ Item	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit
	Chainage										
	330.00	345.00		1	15.00	7.90	8.30	8.10	0.04	4.86	
	345.00	360.00		1	15.00	8.30	8.25	8.28	0.04	4.97	
	360.00	375.00		1	15.00	8.25	8.20	8.23	0.04	4.94	
	375.00	390.00		1	15.00	8.20	8.40	8.30	0.04	4.98	
	390.00	405.00		1	15.00	8.40	8.30	8.35	0.04	5.01	
	405.00	420.00		1	15.00	8.30	8.20	8.25	0.04	4.95	
	420.00	435.00		1	15.00	8.20	8.40	8.30	0.04	4.98	
	435.00	450.00		1	15.00	8.40	8.30	8.35	0.04	5.01	
	450.00	465.00		1	15.00	8.30	8.35	8.33	0.04	5.00	
	465.00	480.00		1	15.00	8.35	8.15	8.25	0.04	4.95	
	480.00	495.00		1	15.00	8.15	8.30	8.23	0.04	4.94	
	495.00	504.00		1	9.00	8.30	8.20	8.25	0.04	2.97	
	504.00	512.00		1	8.00	9.60	12.20	10.90	0.04	3.49	
	512.00	519.00		1	7.00	12.20	10.00	11.10	0.04	3.11	
	519.00	522.00		1	3.00	10.00	9.60	9.80	0.04	1.18	
								Total		173.10	Cum

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೦೬

Contractor | Consultant | Assistant Engineer | Assistant Executive Engineer